

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A remote-control transmitter comprising:

a plurality of keys, each of said keys closing a respective switch contact upon being depressed;

a microcomputer coupled to said keys for generating a respective signal in response to each of said keys being depressed; and

a transmission circuit coupled to said microcomputer for transmitting said signal;

wherein the microcomputer is operable to:

~~said microcomputer being~~ shifted to a test mode ~~upon a predetermined at least one key of said plurality of keys being depressed,~~

~~said microcomputer storing a status of at least one of said plurality of keys upon~~
~~said store indications of closing of said contacts for testing of said keys after the test mode~~
~~being~~ initiated, and

~~said microcomputer transferring said at least one status to~~ transfer said indications to
said transmission circuit by delaying transfer of said indications until said testing is completed.

2. (Currently Amended) The remote-control transmitter according to claim 1, wherein said transmission circuit transmits said signal ~~and said status~~ as one of an infrared ray signal and a radio signal.

3. (Currently Amended) The remote-control transmitter according to claim 1, wherein said ~~status-signal~~ additionally carries an identification signal that identifies said microcomputer.

4. (Currently Amended) A remote-control transmitter according to claim 3, wherein said transmission circuit transmits said signal ~~and said status~~ as one of an infrared ray signal and a radio signal.

5. (Currently Amended) A method of testing a remote-control transmitter, said method comprising the steps of:

providing said remote control transmitter which includes: a plurality of keys, each of said keys closing a respective switch contact upon being depressed, a microcomputer coupled to said keys for generating a respective signal in response to each of said keys being depressed, and a transmission circuit coupled to said microcomputer for transmitting said signal;

shifting said ~~the~~ microcomputer to a test mode ~~upon a predetermined key of said plurality of keys being depressed;~~

storing ~~a status of at least one of said plurality of~~ indications of closing success followed by opening success for testing of said keys upon said after the test mode being is initiated;

transferring said ~~status~~ indications to said ~~the~~ transmission circuit by delaying transfer of said indications until said testing is completed; and

~~determining said status of at least one of said plurality of key~~ examining a signal generated responsive to said transferring.

6. (Currently Amended) The method of testing the remote-control transmitter according to claim 5, wherein the transmission circuit transmits ~~said status and said~~ signal as one of an infrared ray signal and a radio signal.

7. (Currently Amended) The method of testing the remote-control transmitter according to claim 5, wherein said ~~status-signals~~ additionally carries an identification signal that identifies the microcomputer.

8. (Currently Amended) A method of testing a remote-control transmitter according to claim 7, wherein the transmission circuit transmits ~~said status and~~ said signal as one of an infrared ray signal and a radio signal.

9. (New) A remote-control transmitter comprising:

a plurality of keys activating switch contacts upon being depressed, respectively;

a microcomputer operable to:

be shifted to a test mode.

store indication of activations of the switch contacts, respectively, for testing of said keys after the test mode is initiated, and

transfer the stored indications after said testing is completed; and

a transmission circuit operable to receive the indications transferred from the microcomputer and transmit signals corresponding to the indications, respectively.

10. (New) A method of testing a remote-control transmitter, said method comprising:

providing a remote-control transmitter including: a plurality of keys activating switch contacts upon being depressed, respectively, a microcomputer coupled said switch contacts; and a transmission circuit coupled to the microcomputer;

shifting the microcomputer to a test mode;

storing indications of activations of the switch contacts, respectively, for testing of said keys after the test mode is initiated;

transferring the stored indications after said testing is completed; and

examining signals corresponding to the transferred indications.